A BIBLIOGRAPHY ON THE WOLVERINE

Gulo gulo

INTEGRATED WILDLIFE INTENSIVE FORESTRY RESEARCH

Province of British Columbia

A cooperative project between the Ministries of Environment and Forests

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June 1982

Province of British Columbia

This Publication is IWIFR-9

Ministry of Forests, Research Branch EP 916.01
Ministry of Environment, Fish and Wildlife Bulletin B-25

Copies of this report may be obtained, depending on supply, from:

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Ministry of Forests
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Victoria, B.C.
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Parliament Buildings
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Citation:
Banci V.A. 1982. A bibliography on the wolverine Gulo gulo. Research. Ministries of Environment and Forests. IWIFR-9. Victoria, B.C. 53 p.

Introduction

There have been few Canadian studies on the wolverine. Dagg (1972) noted that of 639 articles of one and half pages or more on Canadian mammals published over the last 40 years in 14 well known journals, only one was on the wolverine.

This bibliography is an attempt to identify existing information. Early historical accounts as well as more recent reports are included. Bibliographies by Dagg and Campbell (1974), the mammal files of the British Columbia Provincial Museum and a 1981 computer search were the predominant sources of information.

Appreciation is expressed to Wayne Campbell for providing access to the museum's extensive literature collection and Diana Biffin of the Simon Fraser University library for supplying the computer search.

Abbott J.B. 1946. Atomic power in fur. Pennsylvania Game News. 16(3):20-21

Addison, E.M. and B. Boles. 1978 Helminth parasites of the wolverine Gulo gulo from the district of Mackenzie, Northwest Territories, Canada. Canadian Journal of Zoology. 56(10):2241-2242.

Aleksuik, M. 1964. Observations of birds and mammals of the Perry River Region. Arctic. 17:263-268.

Allen, J.A. 1892. The geographical distribution of North American mammals. Bulletin of the American Museum of Natural History. 4:199-243.

Altuna, J. 1972. Fauna de maniferos de los yacimientos prehistoricos de Guipuzcoa. Pirineo Occidental Munibe. 24(1-4):1-465. (English and Basque summaries)

Anderson, A.C. 1878. Notes on Northwestern America. Canadian Naturalist. New Series. 8(3):135-156.

Anderson, E. 1968. Fauna of the Little Box Elder Cave, Converse County, Wyoming. University of Colorado Studies Series. Earth Science. 6:1-59.

----------. 1977. Pleistocene Mustelidae (Mammalia, Carnivora) from Fairbanks, Alaska. Bulletin of the Museum of Comparative Zoology, Harvard. 148(1):1-21.

Anderson, R.M.A. 1935. Mammals of the Eastern Arctic and Hudson's Bay. Canada's Eastern Arctic, its History; Resources, Population and Administration. Assembled by W.C. Bethune for the Northwest Territories Council. pp. 67-108.

----------. 1937. Mammals and birds of the western Arctic district, Northwest Territories, Canada. Canada's Western Northland. July:97-122.

----------. 1946. Catalogue of Canadian recent mammals. National Museum of Canada, Bulletin 102, Biological Series 31.

King's Printer. Ottawa.

Anderson, S. and J.R. Jones. (Eds.) 1967. Recent mammals of the world: A synopsis of families. Ronald Press Company, New York. 8:453.

Andreewskaja, W.S. 1977. Zahme vielfrasse, Gulo gulo. Zoologicheskii Garten, Jena. 47(5):380.

Annabel, R. 1950. The myth of the Injun devil. Sports Afield. 123:42-43, 139-145.

Anonymous. 1922. Report on the Canadian Arctic expedition. 1913-1918. p. 277.

Anonymous. 1944. Wolverine in Ohio? Yes, and now it's a museum piece. Ohio Conservation Bulletin, Columbus, Ohio. 8:10.

Anonymous. 1947. Wolverines at the Detroit Zoological Park. Your Zoo. No. 2.

Anonymous. 1951. Alaska Cooperative Wildlife Research Unit. Quarterly Report, College Alaska. 3,4 April/June.

Anonymous. 1953-1954. Annual report of the registered trap lines. Manitoba Department of Mines and Resources, Game Branch. 112 pp.

Anonymous. 1954. Alaska Cooperative Wildlife Research Unit. Quarterly Report, College Alaska. 6,2 Oct/Dec.

Anonymous. 1955. Provincial and territorial fur research and Management. Canada Year Book. 1955:Chpt.14:607-624.

Anonymous. 1961. Alaska Sportsman. 27(1):11-12.

Anonymous. 1960-1965. Alaska wildlife investigations. J - Furbearers. Alaska Department of Fish and Game. F.A.W.R. ur w-6-R.

Anonymous. 1965. Big game investigations. O - Wolf and wolverine. Alaska Department of Fish and Game. F.A.W.R. ur W-15-R.

Anonymous. 1970. Rare wolverine to be placed on exhibit. Journal of Mammalogy. 51(3):1C, 48C.

Anonymous. 1970. Wild fur marketing study. Manitoba Department of Mines and Natural Resources, Project Development and Economics Branch. 59 pp.

Anonymous. 1972. Cottontail rabbits on Vancouver Island. Wildlife Review. 6(5):27.

Anonymous. 1972. The Manitoba trappers' guide. Manitoba Department of Mines, Resources and Environmental Management. p. 80.

Anonymous. 1974. Wolverine status. United States Department of the Interior, Fish and Wildlife Service. (unpublished). 10 pp.

Anonymous. 1974. Report on the Western Fur Managers' Conference at Gimli, Manitoba. Oct. 29-31.

Anonymous. 1975. Large mammals seen in the Atlin area, summer 1975. British Columbia Fish and Wildlife Branch, Atlin. (unpublished report). 9 pp.

Anonymous. 1977. Nachrichten und Heniveise. Naturwisschaftliche Rdsch. Stutt. 30(11):422.

Anonymous. 1980-1981. Semi-annual progress reports. Alaska Cooperative Wildlife Research Unit. Fairbanks, Alaska. 32:1, 2.

Asdell, S.A. 1964. Patterns of mammalian reproduction. Cornell University Press, Ithaca, New York. 670 pp.

Ashbrook, F.G. and H.J. McMullen. 1928. Furbearing animals of the United States. Fur Journal. 2(6):18, 62.

Audobon, J. and J. Bachman. 1846-54. The quadrupeds of North America. Vol.1:205-213 (383 pp).

Bailey, A.M. and R.W. Hendee. 1926. Notes on the mammals of northwestern Alaska. Journal of Mammalogy. 7:9-28.

Bailey, V. and R.M. Bailey. 1918. Wild animals of Glacier National Park. United States Government Printing Office. Washington, D.C. pp. 90-91.

Bandy, P.J. 1952. Report on the biological investigations carried out in E.C. Manning Park, British Columbia, during the summer of 1952. British Columbia Forest Service, Victoria. (unpublished report). 80 pp.

----------. 1952. A study of the furbearing mammals of the subalpine and Columbia forest regions of British Columbia in relation to fur production from 1929 to 1949. B.A. Thesis, Department of Zoology, University of British Columbia, Vancouver. 82 pp.

Banfield, A.W.F. 1958. Mammals of Banff National Park. National Museum of Canada, Bulletin 159:53.

----------. 1974. The mammals of Canada. University of Toronto Press, Toronto. 332-334.

Barabash-Nikiforor, I.I. 1956. New data concerning the rapid settlement of a number of species of wild animals during the last decade. Zhoologicheskii Zhurnal. 35(2):304-310. (in Russian)

Barker, M.S. Jr. and T.L. Best. 1976. The wolverine Gulo luscus - New record in Nevada, U.S.A. Southwest Naturalist. 21(1):133.

Beck, W.H. 1958. A guide to Saskatchewan mammals. Saskatchewan Natural History Society. No.1. p.20.

Beddard, F. 1895. On the brain of Gulo. Procedures of the Zoological Society of London. 1895:139-142.

Behn, U. 1953. Autzucht von vielfrassen. Zoologicheskii Garten, Lipzeig. 20:77-81.

Bee, J.W. and E.R. Hall, 1956. Mammals of northern Alaska. University of Kansas, Museum of Natural History. Miscellaneous Publications. 8:212-215.

Beebe, W. 1940. Wolverines and men. New York Zoological Society Bulletin. 43(2):54-59.

Beidleman, R.G. 1956. An early record of the wolverine in western Nebraska. Journal of Mammalogy. 37:445-6.

Belding, L. 1890. The wolverine (Gulo lusens - luscus) in California. Zoe. 1:303-304.

Bellomy, M.D. 1954. Animal gangster. American Mercury. 79:19-20.

Bergerud, A.T. and H.E. Butler. 1978. Life history studies of caribou in Spatsizi Wilderness Park, 1977-1978. British Columbia Parks Branch Report, Victoria. 156 pp.

Biese, W. Das geologische alter der vielfrassreste. (Geological age of glutton remains). Zietschrift fur Saugetierkunde. 11:319-320.

Billings, E. 1857. The wolverine. The Canadian Naturalist and Zoologist. John Lovell, Montreal. Sept. 1, 4. 1856:242-246.

Birney, E.C. 1974. 20th century records of wolverine in Minnesota. Loon. 46(2):78-81.

Blair, N. 1971. A shadow in the wilderness. Wyoming Wildlife. 35(11):8-11.

Blever, H. 1978. Some fine alpine peaks in northern British Columbia. Canadian Alpine Journal. 61:15-18.

Boas, F. 1904. The folklore of the Eskimo. Journal of American folklore. 17:1-13.

Bokonyi, S. 1959. Das Vorkommen des vielfrasses (Gulo gulo L.) aus der heimat lichen. Holozarzeit. Vertebr. Hung. 1:227-235. (in Hungarian, German summary)

----------. 1965. Untersuchungen der pferdeskelette des Baierischen graberfeldes von Litz-Zizlau. (Investigation of the skeletons of the Bavarian bred Srabiens in Litz-Zizlau). J. Ndturk. Jb. Stadt. Linz. pp. 7-20.

Boles, B.K. 1977. Predation by wolves on wolverines. Canadian Field Naturalist. 91(1):68-69.

Bolkay, St.J. 1929. On the endemic occurence of Sus scrofa reiseri Bolkay in Bosnia-Hercgovina. Tenth Congress of International Zoology. Budapest. 2:1382-1385.

Bonifay, M.F. 1971. Carnivores quaternaires du sud-est de la France. Memoires Mus. Natn., Hist. Nat. Paris (Sci. Terre). 21(2):43-377.

Bourliere, F. 1967. The natural history of mammals (3rd ed.). Alfred A. Knopf, New York. p. 59.

Branham, B. 1950. Wolverine. Alaska Sportsman, Ketchikan. 16(2):14-25.

Bridges, W. 1948. Wild animals of the world. Garden City Publishing Co., Garden City, New York. 272 pp.

British Columbia Resource Analysis Branch. 1979. Wildlife resources of the northeast coal study area, 1976-1977. Resource Analysis Branch Bulletin. Victoria. No. 6. 83 pp.

Broberg, G. 1971-1972. Jarven - Filfrassen - Frossaren en studie i zoologisk exotism. Lychnos. 1971-72:181-216. (English summary)

Brooks, A. 1902. Mammals of the Chilliwack District, British Columbia. Ottawa Naturalist. 15(10):239-244.

Brusewitz, G. 1969. The glutton in hunting. Stein and Day, New York.

Bry, E. 1971. Charlie's gone. North Dakota Outdoors. 34(6):12-13.

Bryant, W.E. 1891. The wolverine (Gulo luscus) in California. Zoe. 1:377.

Buckell, E.R. 1935. Notes on the ticks and insect parasites of game animals in British Columbia. Proceedings of the Entomological Society of British Columbia. 31:10-16.

Bulmer, M.G. 1974. A statitical analysis of the 10-year cycle in Canada. Journal of Animal Ecology. 43:701-718.

Burdukov, G.N. and V.M. Kozlov. 1979. Experiment in measuring specific load of animals moving through snow. Ekologyia. (1):107-109.

Burkholder, B.L. 1962. Observations concerning wolverine. Journal of Mammalogy. 43:263-4.

Burns, J.J. 1970. Remarks on the distribution and natural history of the pagophilic pinnipeds in the Bering and Chukchi Seas. Journal of Mammalogy. 51:445-53.

---------- et al. 1964. Fur mammal report and snowshoe hare report. Alaska Dept. of Fish and Game. Alaska Wildlife Investigations. 4: Work Plan G and H.

Burt, W.H. 1948. The mammals of Michigan Ann Arbor, Michigan. University of Michigan Press. 142-145.

----------. 1960. Bacula of North American mammals. University of Michigan, Museum of Zoology. Miscellaneous Publications. 113:13.

Burton, M. 1962. Systematic dictionary of mammals of the world. Thomas Y. Crawell Co., New York.

Butler, R. 1972. Mount Robson Park naturalist programme, 1972. British Columbia Parks Branch, Victoria. (unpublished report). 68 pp.

Cable, D. 1976. An evaluation of the Manitoba Special ARDA Program for Trappers. M.N.R.M. Practicum. University of Manitoba, Winnipeg.

Cahalane, V.H. 1947. Mammals of North America. Macmillan Company, New York. 193-198.

----------. 1948. The status of mammals in the United States National Parks system. Journal of Mammalogy. 29:247-59.

----------. 1951. A program for restoring extirpated mammals in the National Park System. Journal of Mammalogy. 32:207-210.

Cahn, A.R. 1937. Mammals of Quetico Provincial Park of Ontario. Journal of Mammalogy. 18:19-29.

Cannings, R.A. 1977. Biological investigation of the Blue River headwaters area, Well's Gray Park. British Columbia Parks Branch, Victoria. (unpublished report). 28 pp.

Cannings, S. 1973. Mount Robson vertebrate report, 1973. British Columbia Parks Branch, Victoria. (unpublished report). 18 pp.

Carbyn, L.N. 1967. Report on the status of the wildlife in the Bloodvein River region of Manitoba. Canadian Wildlife Service. 18 pp.

Carl, G.C. 1947. The mammals of Vancouver Island. Victoria Naturalist. 4(1):4-9.

----------. 1955. Puzzles in populations. Wildlife review. 3(1):10-11.

---------- and G.A. Hardy. 1943. Report on a collecting trip to the Lac La Hache area, British Columbia. Report of the Provincial Museum of Natural History and Anthropology for the year 1942, Victoria. pp. 25-49.

---------- and ----------. 1945. Flora and fauna of the Paradise Mine area, British Columbia. Report of the Provincial Museum of Natural History and Anthropology for the year 1944, Victoria. pp. 18-38.

Carroll, J.E. and H.W. Trimm. 1969. Fisher, marten, wolverine. Conservationist. 23(3):23-5, 30-2, 36-7.

Carswell, R. 1975. Wildlife inventory - Gladys Lake Ecological Reserve. British Columbia Parks Branch, Victoria. (unpublished report). 99 pp.

Cartwright, G. 1792. Journal of transactions and events during a residence of nearly sixteen years on the coast of Labrador. In: C.W. Townswend (Ed.). 1911. George Cartwright and his Labrador journal. D. Estes and Company, Boston.

Casey, T.M., P.C. Withers and K.K. Casey. 1979. Metabolic and respiratory responses of Arctic animals to ambient temperature during the summer. Comp. Biochem. Phys. Comp. Phys. 64(3):331-342.

Castiglioni, O.C. 1958. Reporto Pleistocenico di Ghiottone da Piana di Fornero in Valstrona. Atti Soc. ital. Sci. Nat. 97:41-50.

Cesar, E. 1946. The wolverine. Facts and Tables. B.C. Digest. 20:14-15, 36-37.

Chamberlain, M. 1884. List of mammals of New Brunswick. New Brunswick Natural History Society Bulletin. 3:37-41.

Chernyavsky, F.B. 1970. The snow bighorn (Ovis nivicola Esch.) of Chukotka, U.S.S.R. Byull. Moskua O-va Ispyt. Prir. Otd. Biologia. No. 1:75. (in Russian, English summary)

Clarke, C.H.D. 1940. A biological investigation of the Thelon Game Sanctuary. National Museum of Canada. Bulletin No. 96. Biological Series 25. 34-35.

----------. 1944. Notes on the status and distribution of certain mammals and birds in the Mackenzie River and western Arctic area. Canadian Field Naturalist. 58:97-99.

Cleland, C.E. 1966. The prehistoric animal ecology and ethnozoology of the Upper Great Lakes Region. The University of Michigan, Museum of Anthropology. The Anthropological Papers. 29:294 pp.

Clyde, N. 1925. Wolverine disputes trail. California Fish and Game. 11(4):189.

Cockerton, D. and S. Herrero. 1973. A study of wolverine home range and behaviour by tracking. Mt. Assiniboine Provincial Park, British Columbia. (unpublished report). 23 pp.

Colley, C.G. 1963. Fur and fury. Duell, Sloan and Pearce, New York. 127 pp.

Corbet, G.B. 1966. The terrestrial mammals of western Europe. Foulis & Co., London. pp. 137-139.

Coues,E. 1877. Fur bearing animals: A monograph of North American mustelidae. Government Printing, Washington, and Estes Lauriat, Boston. pp. 32-58.

Courtright, A. 1968. Game harvests in Alaska. Alaska Department of Fish and Game, Juneau. 70 pp.

Cowan, I. McT. 1936. Notes on some mammals in the British Columbia Provincial Museum with a list of the type specimens of North American recent mammals in the museum. Canadian Field Naturalist. 50:145-148.

----------. 1939. The vertebrate fauna of the Peace River district of British Columbia. British Columbia Provincial Museum Occasional Papers. No.1:74-75. 102 pp.

----------. 1944-1946. Birds and mammals of Revelstoke National Park. Canadian Alpine Journal. 29(1):100-121, 29(2):237-256.

---------- and C.J. Guiguet. 1965. The mammals of British Columbia. British Columbia Provincial Museum Handbook. No.11:322-325.

Crandall, L.S. 1964. The management of wild mammals in captivity. University of Chicago Press, Chicago and London. pp. 323-324, 329-332 (761pp.).

Critchell-Bullock, Capt. J.C. 1930. An expedition to sub-Arctic Canada. Canadian Field Naturalist. 44(9):210.

Crisler, L. 1959. He not scare a damn. Nature Magazine. 52:181-184.

Cunningham, J.D. 1959. The wolverine and the fisher in the Yosemite region. Journal of Mammalogy. 40:614-615.

Curry-Lindahe, K. 1956. Arctic vertebrates threatened with extinction in Sweden. International Union for the Protection of Nature. Proc. 5th meeting. Copenhagen. 1954:66-68.

D.D.H. 1968. Wolverines again on prowl in northwest high country. Pacific Search. 3(3).

Dagg,A.I. 1972. Research on Canadian mammals. Canadian Field Naturalist. 86:217-221.

----------. 1974. Hinterland who's who. Canadian Wildlife Service.

---------- and C.A. Campbell. 1974. An annotated bibliography on the status and ecology of the wolverine in Canada. Canadian Wildlife Service Manuscript Reports. Waterloo, Ontario.

---------- and ----------. 1974. Historic changes in the distribution and numbers of wolverine in Canada and the northern United States. Canadian Wildlife Service. (unpublished report). 21 pp.

Dalquest, W.W. 1948. Mammals of Washington. University of Kansas Publications. Museum of Natural History. Publication 2. 444 pp.

Danilov, P.I. 1965. Some data on the reproduction of glutton. Zoologicheskii Zhurnal. 44:1737-1739. (in Russian, English summary)

---------- and I.L. Tumanov. 1972. Reproductive cycles of males in some Mustelidae. Zoologicheskii Zhurnal. 871-880.

----------, P.D. Ivanov, G.A. Novikov, and E.K. Timofeeva. 1973. Current distribution of some species of mammals in the northwest of the European U.S.S.R. Byull. Moskua O-va Ispyt Prir. Otd. Biologia. 78(5):5-21.

---------- and I.L. Tumanov. 1975. The reproductive cycles of some

Mustelidae species. Byull. Moskua O-va. Ispyt. Prir. Otd Biologia. 80(5):35-47. (in Russian, English summary)

David, A.I. 1965. Predatory mammals of the Moldavian quaternary period - Problems of ecology and of the economic importance of Moldavian birds and mammals. Kartya Moldovenyaske. Kishinev. No. 11489:55-80.

Davis, D.G. 1967. A brief note on the birth of wolverines Gulo gulo at the Colorado Zoo. International Zoo Yearbook. 7:127.

de Souza Lopes, H. 1974. On female holotypes of some American species described by Francis Walker and J. Macquart. Review of Brasilian Biology. 34(4):535-549.

de Vos, A. 1964. Range changes of mammals in the Great Lakes Region. American Midland Naturalist. 71:210-231.

---------- and R.L. Peterson. 1951. A review of the status of the woodland caribou (Rangifer caribou) in Ontario. Journal of Mammalogy. 32(3):329-337.

Demarchi, D.A. 1974. Mammals seen in the Tatshenshini watershed during August, 1970 and August, 1974. British Columbia Fish and Wildlife Branch, Atlin. (unpublished report). 5 pp.

Dice, L.R. 1921. Notes on the mammals of Interior Alaska. Journal of Mammalogy. 2:20-31.

Donaldson, I. 1971. Nisutlin River report: Wild Rivers survey, Yukon Territory. Parks Canada. 12 pp.

Doutt, J.K. 1954. Observations on mammals along the east coast of Hudson Bay and the interior of Ungava. Annals, Carnegie Museum. 33(14):235-249.

Dubois, G. and R. Rausch. 1960. Quatrieme contribution a l'etude des strigeides (Trematoda). Nord - Americains. Bull. Soc. Neuchatel. Sci. Nat. 83:79-92.

Dulkeit, G.D. 1953. Importance of lynx and wolverine as predators in natural complex of Altaitaega. In: A.A Nosemovich (Ed.).

Reorg. Vert. Fauna U.S.S.R. Moscow:147-152. (in Russian)

Durrant, S. 1952. Mammals of Utah. University of Kansas Publications, Museum of Natural History. 6:1-549.

Dyer, C. 1974. Bowron Lake mammal report - 1974. British Columbia Parks Branch, Victoria. (unpublished report). 6 pp.

Dymond, J.R. 1928. The mammals of the Lake Nipigon region. Transactions of the Royal Canadian Institute. 16(2):239-250.

Edwards, R.Y. 1950. Variations in the fur productivity of northern British Columbia in relation to some environmental factors. M.A. Thesis. Department of Zoology, University of British Columbia, Vancouver. 126 pp.

----------. 1954. Fire and the decline of a mountain caribou herd. Journal of Wildlife Management. 18(4):521-526.

---------- and I.McT. Cowan. 1957. Fur production of the boreal forest region of British Columbia. Journal of Wildlife Management. 21:256-267.

Egorov, O.V. and I.U.V. Labutin. 1964. Materials on the food of large mammalian predators of the Verkhoyansk region. Akademia Nauk S.S.S.R. I.A. Kutskie filial. Inst. Biol. Pozuonochnke. 51-59. (in Russian)

Eidman, H. 1935. Zur kenntnis der saugetier fauna von Sudlabrador. 2: Beitrag zur kenntnis der fauna von Sudlabrador. (To investigate the mammals of south Labrador. Supplement to the knowledge of the fauna of south Labrador). Zeitschrift fur Saugetierkunde. 10:39-61.

Einarsen, A.S. 1941. Wolverine (Gulo luscus) captured in Okanagan County, Washington by Victor B. Scheffer. Murrelet. 22(2):36-41.

Ekman, S. 1958. Uberden nordeuropaischen vielfrass (Gulo Gulo) (About the North European wolverine). 23:169-181.

Ellington, C.T. 1973. 1973 Mammals report for Bowron Lake Park. British Columbia Parks Branch, Victoria. (unpublished report). 5 pp.

Elliot, D.G. 1903. Descriptions of twenty-seven apparently new species and subspecies of mammals. Field Columbian Museum Publication No. 87, Zoological Series. Vol.3. pp. 260-261.

----------. 1905. Descriptions of three apparently new species of mammals. Proceedings of the Biological Society of Washington. 18:81-82.

----------. 1905. Gulo hylaeus, Alaska. Proceedings of the Biological Society of Washington. 18:79.

Elton, C.S. 1942. Caribou herds and modern trade. In: Voles, mice and lemmings - Problems in population dynamics. Oxford University Press, London. 496 pp.

Emanuelsson, U. 1975. Rautas Sweden, the forgotten wilderness. Fauna Flora, Stockholm. 70(3):108-115.

Erickson, A.W. 1962. Wolverine and lynx productivity and breeding biology studies. Federal Aid in Wildlife Restoration, Alaska. Project W-6R-3. Vol.3, Work Plan G. Job 3:22-23.

Errington, P.L. 1969. Of predation and life (2nd ed.). Iowa State University Press, Ames. 277 pp.

Fergusen, A.N. 1969. The wolverine: Bandit of the northland. Outdoor World. 2:17-19.

Field, R.J. 1974. Wolverine - A bit of history about the carcajou, an endangered species in Colorado. Colorado Outdoors. 23(2):1-6.

Filonov, C. 1980. Predator prey problems in nature reserves of the European part of the Russian U.S.S.R. Journal of Wildlife Management. 44(2):389-396.

Fish and Wildlife Branch. 1979. Preliminary mustelid management plan for British Columbia. Fish and Wildlife Branch,

Victoria. 16 pp.

----------. 1981. British Columbia trapping regulations synopsis 1981-1982. Queen's Printer, Victoria.

Flanegan, E.B. 1965. Glacier Bay national monument. National Parks Magazine. 39(213):12-15.

Flook, D.R. and J. Rimmer. 1965. Cannibalism in starving wolverines and sex identification from skulls. Canadian Field Naturalist. 79:171-173.

Folk, G.E. Jr., M.A. Folk, and D. Craighead. 1977. A comparison of body temperatures of least weasels and wolverines. Comp. Biochem. Phys. Comp. Phys. 58(3):229-234.

Follett, R.E. 1939. The so called wolverine, a misnomer and a myth in Michigan. Michigan Zoological Society Bulletin, Detroit. p.3.

Formozov, A.N. 1946. Snow cover as an integral factor of the environment and its importance in the ecology of mammals and birds. Fauna and Flora of the U.S.S.R. New Series, Zoology. 5:152 pp. (Translated from the Russian by W. Prychodko and W.O. Pruitt, Jr., University of Alberta. Boreal Institute Occasional Paper No.1. 190 pp.).

Francis, G. 1960. Observations of some carnivores by wardens in the Mountain National Parks of Canada. Canadian Field Naturalist. 74:158-160.

Franey, E.M. 1953. Are there wolverines in Minnesota? Conservation Volunteer. 16(91):18-20.

Freuchen, P. 1935. Field notes and biological investigations. Report of the Fifth Thule Expedition 1921-24. Vol. 2, Nos. 4 and 5, Mammals. Compiled by: M. Degerbol and P. Freuchen. Gyldendalske Boghandel, Copenhagen. pp. 68-278.

Frolov, F.A. 1957. Wolverines attacking elks. Okhata i Okhotneche Khoziaistria. 3(9):82. (in Russian)

Fry, W. 1923. The wolverine. California Fish and Game. 9(4):129-134.

Gagnon, A. and H.G. Lumsden. 1957. personal communication in Royal Ontario Museum, Department of Mammalogy files.

Gavin, A. 1945. Notes of mammals observed in the Perry River district, Queen Maud Sea. Journal of Mammalogy. 26:226-230.

Geist, V. 1967. Some field observations of wolves in western Canada. University of Calgary, Calgary, Alberta. (unpublished report). 12 pp.

Geller, M.K.H. 1963. Adaptation of a system of controlling wolves and other predators in the far north. Novil'sk N. -issl. Inst. sel'skogo Khoy Krainego Severa. Trudy. 12:157-160. (in Russian)

Geptner, V.G., N.P. Naumov, P.B. Yurgencon, A.A. Clugckii, A.F. Churkova, and A.G. Bannikov (Eds.). 1967. Mammals of the Soviet Union. Vol. 2. Higher School Press, Moscow. p.634.

Gidley, J.W. and C.L. Gazin. 1933. New mammals in the Pleistocene fauna from Cumberland Cave. Journal of Mammalogy. 14:343-357.

Gilbert, B. 1970. The weasels. Pantheon Books. Toronto. 136-155. 201 pp.

Gill, D. 1978. Large mammals of the MacMillan Pass area, Northwest Territories and Yukon. Amax Northwest Mining Company Ltd., 601 - 535 Thurlow St., Vancouver, British Columbia.

Goldman, E.A. 1935. New American mustelids of the genera Martes, Gulo and Lutra. Proceedings of the Biological Society of Washington. 48:177-178.

Gonyea, W. and R. Ashworth. 1975. The form and function of retractile claws in Felidae and other representative carnivores. Journal of Morphology. 145(2):229-238.

Gorban, L.V. 1977. Natural foci of brucellosis in the far North.

Zhurnal Mikrobiol. Epidemiol. Immunobiol. 8:142.

Grainger, D. 1978. Animals in peril. Pagurian Press Ltd., Toronto. p.71-77 (192 pp.).

Grass, A. 1971. Wells Gray Park naturalist's report. British Columbia Parks Branch, Victoria. (unpublished report). 45 pp.

Green, H.U. 1932. Mammals of Riding Mountain National Park, Manitoba. Canadian Field Naturalist. 46:150.

----------. 1956. Notes on the trapping, biology and behaviour of the wolverine. Banff National Park. (unpublished report). 14 pp.

Grinnell, G.B. 1919. As to the wolverine. Journal of Mammalogy. 1:182-184.

----------. 1921. The tree climbing wolverine. Journal of Mammalogy. 2:36-37.

----------. 1926. Some habits of the wolverine. Journal of Mammalogy. 7:30-34,

Grinnell, J., J.S. Dixon and J.M. Linsdale. 1937. Fur bearing mammals of California: Their natural history, systematic status and relations to man. University of California Press, Berkely. Vol. 2. pp. 251-256.

Gromov, V.I. 1966. Fauna from the Sungir site. Trudy Geol. Inst. Leningr. 162:74-78. (in Russian)

Gubanov, N.M. 1964. The helminth fauna of the commercial mammals of Yakutia. Muskua Izd-vo Nauka. p. 164. (in Russian)

Guiguet, C.J. 1951. An account of wolverine attacking mountain goat. Canadian Field Naturalist. 65:187.

Haglund, B. 1966. De stora rovdjurens vintervanor (Winter habits of the lynx (Lynx lynx L.) and wolverine (Gulo gulo L.) as

revealed by tracking in the snow). I. Viltrevy. 4:266-281 (299 pp.). (in Swedish, English summary)

----------. 1967. After an investigation of beasts of prey. Sveriges Natur. Aisbok. 7-20. (in Swedish)

Haglund, B. 1968. Four large beasts of prey. Skogs-och lantbruksakademien. Tidskrift. 107(3-4):134-149.

----------. 1974. Moose relations with predators in Sweden, with special reference to bear and wolverine. Le Naturaliste Canadien. 101:457-466.

Hagmeier, E.M. 1966. A numerical analysis of the distributional patterns of North American mammals. II. Re-evaluation of the provinces. Systematic Zoology. 15(4):279-299.

---------- and C. D. Stults. 1964. A numerical analysis of the distributional pattern of North American mammals. Systematic Zoology. 13(3):125-155.

Hall, E.R. 1926. The abdominal skin gland of Martes. Journal of Mammalogy. 7:227-229.

----------. 1932. Remarks on the affinities of the mammalian fauna of Vancouver Island, British Columbia with descriptions of new subspecies. University of California Publications in Zoology. 38(12):415-423.

----------. 1934. Mammals collected by T.T. McCabe and E.B. McCabe in the Bowron Lake region of British Columbia. University of California Publications in Zoology. 40(9):363-380.

---------- and K.R. Kelson. 1959. The mammals of North America. Vol.2. Ronald Press Company, New York. 922-925.

Hambleton, J. 1954. Wolverine. Longmans, Green and Company, Toronto. 184 pp.

Hanson, W.C. and H.E. Palmer. 1965. Seasonal cycles of Cs-137 in some Alaskan natives and animals. Health Physics. 11:1401-1406.

Hansson, I. 1970. Cranial helminth parasites in species of Mustelidae. Part 2. Arkiv fur Zoologi. 22(6):571-594.

Hanstrom, B.A. 1947. A comparative study of the hypophysis in the polar bear and some Swedish Carnivora. K. Svenska Vetenskapsakademien, Handlingar. 24(7):1-46.

Hantzsch, B. 1932. Contributions to the knowledge of extreme north eastern Labrador. Canadian Field Naturalist. 46:7-12, 34-36.

Hardy, T. and M. Plitt. 1948. Wolverine fur frosting. Journal of Wildlife Management. 12:331-332.

Harper, F. 1932. Mammals of the Athabaska and Great Slave Lakes region. Journal of Mammalogy. 13:19-36.

----------. 1945. Extinct and vanishing mammals of the old world. American Committee for International Wildlife Protection. Special Publication:12. 850pp.

----------. 1956. Gulo luscus luscus (Linnaeus) in the mammals of Keewatin. University of Kansas Publications. Museum of Natural History. 12:70-72.

----------. 1961. Land and freshwater mammals of the Ungava Peninsula. University of Kansas Publications. Museum of Natural History. Miscellaneous Publications. 27:118-119. 178 pp.

Harrison, J.A. 1979. The Pliocene wolverine, Plesiogulo, from North America and Asia. Transactions of the Kansas Academy of Science. University of Kansas Publications. Museum of Natural History. 82(2):87-88.

Harvey, J.M. 1971. Predators and prejudice. Canadian Audobon. 33:31-33.

Hash, H.S. and M.G. Hornocker. 1980. Immobilizing wolverines (Gulo gulo) with ketamine hydrochloride. Journal of Wildlife Management. 44(3):713-715.

Haugen, A.O. 1961. Wolverine in Iowa. Journal of Mammalogy. 42:546-547.

Hay, R.B. 1976. An environmental study of the Kitimat region with special reference to the Kitimat River estuary. Canadian Wildlife Service, Delta, B.C. (unpublished report). 85 pp.

Hazelwood, W.G. 1975. Winter flights Tweedsmuir Park - February, 1975. British Columbia Parks Branch, Victoria. (unpublished report). 5 pp.

----------. 1976. Tweedsmuir Park initial wildlife and fisheries inventory. British Columbia Parks Branch, Victoria. (unpublished report). 220 pp.

----------. 1977. Tweedsmuir Park - Trip report. British Columbia Parks Branch, Victoria. (unpublished report). 2 pp.

----------. 1978. Mt. Edziza Park ground observations 1978. British Columbia Parks Branch, Victoria. (unpublished report). 3 pp.

----------. 1979. Tatlatui Park summer trip report, August 2,3, 1979. British Columbia Parks Branch, Victoria. (unpublished report). 5 pp.

Hearne, S. 1795. A journey from Prince of Wales Fort in Hudson's Bay to the Northern Ocean. Undertaken by order of the Hudson's Bay Company for the discovery of copper mines, a Northwest Passage, in the years 1769, 1770, 1771, and 1772 (reprint, 1971). M.G. Hurtig Ltd., Edmonton. 372-374.

Heggberget, T.M. and S. Myrberget. 1980. The wolverine population in Norway in the 1970's. Fauna (Oslo). 33(2);52-55. (English summary)

Heller, F. 1964. Eine fossilfuhrende. Karstschlotte mit Jung - Mammut - Resten bei Langenaltheim / Mfr. Geol. bar. 53:102-128.

Helmericks, B. 1957. The lies they tell about wolverines. Field and Stream. 61(9):34-36, 67-68.

Hendey, Q.B. 1978. Late tertiary Mustelidae (Mammalia, Carnivora) from Langebaaweg, South Africa. Annals of the South African Museum. 76(10):329-358.

Henman, R.A. (Ed.) March, 1981. Annual report of survey - inventory activities. Part 4: Wolf, furbearers, wolverine, small game and walrus. Vol. II. Federal Aid in Wildlife Restoration. Project W-17-12. Alaska Department of Fish and Game, Juneau. 115 pp.

Henry, A. 1897. (E. Coues, Ed.) New light on the early history of the greater Northwest. The manuscript journals of Alexander Henry. Harper, New York. 916 pp.

Henshaw, R.E. 1978. Peripheral thermo-regulation, hematologic or vascular adaptations. Journal of Thermal Biology. 3(1):31-38.

----------, A.M. Larson, and G.E. Folk. 1967. Renal function in the wolverine. Washington, Arctic Institute of North America. Technical Report. ONR 392:1.

Heptner, V.G. and A.A. Nasimovitch. 1967. Der Elch. Neue Brehm Bucherei, No. 386. A. Ziemsen Verlag, Wittenberg, Lutherstadt.

Heran, I. 1972. The shape and size of the occipital foramen in Mustelidae. Lynx (Prague). 13:26-33.

Hershkovitz, P. 1948. Names of mammals dated from Frisch, 1775 and Zimmerman, 1777. Journal of Mammalogy. 29(3):272-277 (p. 273).

Hewitt, C.G. 1921. The conservation of wildlife in Canada. Scribners, New York. 344 pp.

Hewson, G.M. 1973. Wolverine. Blue Jay. 30(4):261.

Hibbard, C.W., D.E. Ray, D.E. Savage, D.E. Taylor and J.E. Guidday. 1965. Quaternary mammals of North America. In: H.E. Wright and D.G. Frey. (Eds.) The Quaternary of the United States. Princeton University Press, Princeton, New Jersey. 509-525 (919 pp.).

Hodgson, K. 1976. Wildlife observations Spatsizi Plateau, July 29 - Aug. 5, 1976. British Columbia Parks Branch, Victoria. (unpublished report). 9 pp.

---------- and B. Petrar. 1979. Big game inventory flight, Atlin area. British Columbia Fish and Wildlife Branch, Atlin. (unpublished report). 16 pp.

Hoffman, R.S. and D.L. Pattie. 1968. A guide to Montana mammals. University of Montana Press. p.133.

Hoffmeister, D.F. 1954. Distribution of some Illinois mammals. Natural History Museum, Miscellaneous Publications. 128:1-4.

Holbrow, W.C. 1976. The biology, mythology, distribution and management of the wolverine (Gulo gulo L.) in western Canada. M.N.R.M. practicum. University of Manitoba. Winnipeg, Manitoba. 214 pp.

Holland, G.P. 1941. Further records of Siphonaptera for British Columbia. Proceedings of the Entomological Society of British Columbia. 37:10-14.

----------. 1949. A revised check-list of the fleas of British Columbia. Proceedings of the Entomological Society of British Columbia. 45:7-14.

Holtvedt, R. 1968. Observations of wolverine. Fauna (Oslo). 21:138. (in Norwegian, English summary)

Hope, C.E. 1938. Journal of C.E. Hope. No.11: July 10:267.

Hopkins, D.M. 1949. Thaw lakes and thaw sinks in the Imuruk Lake area, Seward Peninsula, Alaska. Journal of Geology. 57:119-131.

Hornby, J. 1934. Wildlife in the Thelon River area, Northwest Territories, Canada. Canadian Field Naturalist. 48:108.

Hornocker, M.G. and H.S. Hash. 1976. Ecology of the wolverine (Gulo gulo) in northwestern Montana. 3rd Annual Report. Idaho

Cooperative Wildlife Research Unit. University of Idaho, Moscow, Idaho. (unpublished report). 31 pp.

Houston, D.B. 1978. Elk as winter spring food for carnivores in northern Yellowstone National Park, Wyoming, U.S.A. Journal of Applied Ecology. 15(3):653-662.

Howell, A.B. 1924. The mammals of Mammoth, Mono County, California. Journal of Mammalogy. 5:25-36.

Hsu, T.C. and K. Benirschke. 1970. An atlas of mammalian chromosomes. Vol. 4. Springer-Verlag, Berlin, Heidelberg and New York. pp. 151-200.

Huber, R.L. 1971. Possible wolverine sighting. Loon. 43(1):24.

Ingles, L.G. 1965. Mammals of the Pacific states: California, Oregon, Washington. Stanford University Press. Stanford, California. p. 12. 506 pp.

Ingram, R. 1973. Wolverine, fisher, marten in central Oregon. Oregon State Game Commission. Central Region Adm. Rep. 73-2. 39 pp.

Iversen, J.A. 1972. Basal metabolic rate of wolverines during growth. Norwegian Journal of Zoology. 20(4):317-322.

----------. 1972. Basal energy metabolism of mustelids. Journal of Comparative Physiology. 81(4):341-344.

Irving, I. 1972. Arctic life of birds and mammals including man. Vol.2. Springer-Verlag, Berlin. p.33. 245 pp.

Jackson, C.F. 1922. Notes on New Hampshire mammals. Journal of Mammalogy. 3:13-15.

Jackson, H.T. 1922. Wolverine in Itasca County, Minnesota. Journal of Mammalogy. 3:53.

----------. 1954. Wolverine (Gulo luscus) specimens from Wisconsin. Journal of Mammalogy. 35:254.

----------. 1961. Mammals of Wisconsin. University of Wisconsin Press, Madison, Wisconsin. 356-362.

Jenness, D. 1922. The life of the Copper Eskimos. pp. 15, 105, 121. In: Report of the Canadian Arctic Expedition 1913-1918.

Johnsen, S. 1929. Bounty statistics of predatory mammals and birds in Norway. Bergen. Museum Arbok. pp. 1-140. (in Norwegian) F.A. Acland, Ottawa. 12:5-278.

Johnson, C.E. 1923. A recent report of the wolverine in Minnesota. Journal of Mammalogy. 4:54-55.

----------. 1930. Mammals of northwestern Minnesota. Journal of Mammalogy. 11: 435-52.

Johnson, R.E. 1977. An historical analysis of wolverine abundance and distribution in Washington, U.S.A. Murrelet. 58(1):13-16.

Jones, F.L. 1950. Recent records of the wolverine in California. California Fish and Game. 36:320-322.

----------. 1955. Records of southern wolverine, Gulo luscus luteus in California. Journal of Mammalogy. 36:569.

Jones, J.K., D.C. Carter and H.H. Genoways. 1975. Revised checklist of North American mammals north of Mexico. Occasional Papers of the Museum of Texas Technical University. No.28:1-14.

Jones, J.K. Jr., D.C. Carter and H.H. Genoways. 1979. Revised checklist of North American mammals north of Mexico, 1979. Occasional Papers of the Museum of Texas, Technical University. No. 62:1-17.

Kauranen, P., J.K. Miettinen and E. Pulliainen. 1971. Polonium-210 and lead-210 in some terrestrial animals in Finland. Annales. Zoologici. Fennici. 8:318-323.

Kebbe, C.E. 1966. Wolverine killed in Oregon. Murrelet. 47:65.

Kelsall, J.P. 1968. The migratory barren-ground caribou of Canada. Canadian Wildlife Service, Ottawa. 340 pp.

King, R.T. 1966. Wildlife and man. pp. 101-107. In: J.A. Bailey, W. Elder and T.D. McKinney (Eds.). Readings in wildlife conservation. Wildlife Society, Washington, D.C. 722 pp.

Kirk, G. 1976. Effective efforts in nature protection in southeastern Tavastehus, Finland. Suppl. Ric. Biol. Selvaggina 8(1):403-412.

Knight, C. 1833-1843. Gulo. Penny cyclopedia of the society for the discussion of useful knowledge. London. 482-486.

Knorre, E.P. 1959. Ecology of the elk. pp. 4-324. In: G.A. Novikov (Ed.). Transactions of the Pechora-Ilych State Game Preserve. Translated by the Canadian Wildlife Service, 1966. Trans. No. 3895. Issue No. 7, 324 pp.

Koby, F. 1960. Sur l'extension maxima vers le sud-ouest de quelques representants de la faune froid Wurmienne. In: R. Musel (Ed.). Mammalia pleistocasenica. Anthropos 1. Suppl. pp. 101-107.

Koehler, G.M., M.G. Hornocker and H.S. Hash. 1980. Wolverine (Gulo Gulo) marking behaviour. Canadian Field Naturalist. 94(3):339-341.

Korotkevich, E.L. and Y.A. Semenov. 1975. First find of the Neogene wolverine Plesiogulo crassa. New record in the northern Black Sea area. Vestnik Zoologii. 4:433-438. (in Russian, English summary)

Korshunova, L.A. and I.L. Tumanov. 1979. Morphological characteristics of the aortic arch in some marten representatives. Vestnik. Zoologii. 3:36-40.

Kovach, S.D. 1981. Wolverine, Gulo gulo, records for the White Mountains, California. California Fish and Game. 67(2):132-133.

Kozilov, D.P. and Trimavichus. 1961. Distribution of trichonoses in wild and domestic carnivores of some far east areas.

Akademiea Nauk. S.S.S.R. Gel'mentologicheskaea lab. Trudy 11:126-129. (in Russian)

Krause, W. and W. Kollau. 1943. Die steinzeitlichen wirbeltierfaunen von Stellmoor in Holstein (The stoneage vertebrates of Stellmoor in Holstein). In: A. Rust. Die alt-und mittelsteinzeitlichen funde von Stellmoor (Eolithic and paleolithic artifacts of Stellmoor). p. 49-59.

Kreps, E. 1944. The science of trapping. A.R. Harding Publishing Company, Columbus, Ohio. 224 pp.

Kroeber, A.L. 1899. Animal tales of the Eskimo. Journal of American Folklore. 12:17-23.

Krott, P. 1953. Recovery of a wolverine that had escaped during transport. Zeitschrift fur Tierpsychologie. 10:254-268.

----------. 1954. The larger beasts of prey in Finland. Sveriges Natur. Ersbok. 45:150-166. (in Swedish)

----------. 1957. Das heutige vorkommen des vielfrasses (Gulo Gulo L.) in Europa. (The European wolverine of today). Zeitschrift fur Saugetierkunde. 22:208-213.

----------. 1958. Tupu, tupu, tupu. Hutchinson, London. 231 pp.

----------. 1958. Ethology and game research. Svensk Naturuet. 11:311-316. (in Swedish, English summary)

----------. 1959. How to hunt wolverine. Beaver. Autumn. 48-51.

----------. 1959. Demon of the North (Translated from the German by E. Fitzgerald). A.A. Knopf, New York. 260 pp.

----------. 1959. Der vielfrass (The wolverine). Monographien der wildsaugetiere. Band XIII. Gustar Fischer Verlag, Jena. 159 pp.

----------. 1960. Ways of the wolverine. Natural History. 69:16-29.

----------. 1967. The effect of various methods on the results of investigations on game stating the same question. Meddfra Viltundersokelser Papers. Norwegian State Game Research Institute. 2(25):3-11.

----------. 1970. On a new method in game science. Riistatteteellisia Julkaisuja. 30:342-344.

Kumlien, L. 1879. Contributions to the natural history of Arctic America, made in connection with the Gowgate Polar Expedition 1877-78. United States National Museum, Bulletin. 15:179 pp.

Kuntze, R. 1928. Obecny stan wiado-mosci o faunie ssakou i ptakow wschodniego podola (Present state of our knowledge of the mammal and bird fauna of eastern Podolia, Russia). Kosmos. 53(4):685-698. (German summary)

Kuroda, N. 1928. The mammal fauna of Sakhalin. Journal of Mammalogy. 9:227.

Kurten, B. 1968. Pleistocene mammals of Europe. Weidenfeld and Nicolson, London. 90-93.

----------. 1970. The neogene wolverine Plesiogulo and the origin of Gulo. Acta Zoologici Fennici. 131:3-22.

----------. 1972. The ice age. G.B. Putnam & Sons, New York. 179 pp.

----------. 1972. The age of mammals. Columbia University Press, New York. p. 209.

----------. 1973. Fossil glutton (Gulo gulo L.) from Tornewton Cave, south Devon. Commentationes Biol. 66:1-8.

---------- and R. Rausch. 1959. Biometric comparisons between North American and European mammals. Acta Arctica. Fasc. XI:5-44.

Kvam, T. 1980. Population status of the wolverine Gulo gulo in some central Norwegian mountain areas. Fauna (Oslo). 33(3):117-127. (English summary)

Lachelt, T.C. 1952-1953. The life history of wolverine. W.R.U. Quarterly Reports. 4(2):12-13, 4(4):13-15.

Larousse, 1972. Encyclopedia of animal life. (Leon Berin's text revised and adapted by Maurice Burton). Hamlyn, London. p. 562.

Lascelles, T. 1944. Wolverine, devil of the woods. Forest and Outdoors. 40:15-16.

Leach, M. (Ed.). 1972. Funk and Wagnalls' standard dictionary of folklore, mythology and legend. Funk and Wagnalls Publishing Company Ltd., New York. pp. 783-784, 814-815, 1178-1179, 1180.

Lebengarts, Z.I.A. 1964. Pushnomekhovoe Syr'e (Fur raw materials). Moskua, Izd-vo. 'Vysshaia Shkola' 363 pp. (in Russian)

Ledoux, R.G. and A.J. Kenyon. 1975. Protides of the Mustelidae. Part 2: Immunologic relatedness. Comp. Biochem. Phys. Comp. Phys. 51(1):213-218.

Legeza, Y. 1964. The main thing is to preserve the animals. Okhota Okhotnich W. Khoz. 2:4-5. Zhurnal Biol. Nos. 211, 273.

Lehmann, W. Die fauna des 'vogelherds' bei stetten ob lontal (Wurttemberg). Neues. Juhrb. Geol. U.

Lensink, C.J. 1958. Predator control with the bounty system in Alaska. Alaska Department of Fish and Game Division, Biological Research. Juneau. 10 pp.

Leopold, A. and H.P. Thomsen. 1945. War status of predators in Norway. Journal of Mammalogy. 26:88-89.

Liebus, A. 1928. Quartare saugetierreste aus der Barrande-Grotte (Remains of mammals of the Barrande cave). Naturwiss. Zeitschrift Lotos. 76(8/12):347-350.

Liewelyn, L. 1854. Scandanavian adventure. Vol. 2 (ed. 2). R. Bentley, London. pp. 178-188.

Lindsey, N.M. 1939. The wolverine. Fur - Fish - Game. 70(5):13-14.

Linnaeus, C. 1758-59. Systema naturae. (ed. 10). G.E. Beer, Lipsaie. pp. 45, 47.

----------. 1788. Systema naturae. (ed. 13). G.E. Beer, Lipsaie. pp. 103-104.

Linsdale, J.M. 1937. William H. Parkinson: California Naturalist. Journal of Mammalogy. 18:30-37.

Liskop, K.S., R.M.F.S. Sadleir and B.P. Saunders. 1980. Reproduction and harvest of wolverine (Gulo gulo L.) in British Columbia. Proceedings of the Worldwide Furbearer Conference, Frostburg, Maryland. August 3-11. Vol. I:469-477.

Lonnberg, E. 1931. A glutton, Gulo gulo L., hiding in Uppland. Fauna Ocn. Flora. 6:269-272.

----------. 1936. Bidrag ull jarvens historia i Sveiege (Contributions to the history of wolverine in Sweden). Stockholm.

Low, A.P. 1896. List of mammalia of the Labrador Peninsula, with short notes on their distribution. Geological Survey of Canada. Annual Report 8: 313L-321L.

Low, W.A. 1965. A general ecological study of mountain caribou in Tweedsmuir Provincial Park, British Columbia. British Columbia Fish and Wildlife Branch, Victoria. (unpublished report). 7 pp.

Luckhurst, A.J. 1973. Stone sheep and their habitat in the northern Rocky Mountain foothills of British Columbia. Department of Mont Science. University of British Columbia, Vancouver. M.Sc. Thesis. 147 pp.

Lupu, D. 1976. The class Gastropoda in the fauna of the Vrancea Departmen Pomania. Trav. Mus. Hist. Nat. pp.259-264.

Lydekker, R. 1884. The royal natural history. Vol. II. Frederick

Warne, London. pp. 71-74.

Macfarlane, R. 1908. Notes on the mammals collected and observed in the northern Mackenzie River District, Northwest Territories of Canada: with remarks on explorers and explorations of the Far North. pp. 201-203. In: C. Mair. Through the Mackenzie Basin: A narrative of the Athabasca and Peace River Treaty Expedition of 1899. William Bridges, Toronto. 494 pp.

MacIver, A.F. 1952. Devil of the North. Beaver. 283:22-24.

Macleod, C.F. 1950. The productivity and distribution of furbearing species of the coast forest of British Columbia in relation to some environmental factors. M.A. Thesis, Department of Zoology, University of British Columbia, Vancouver. 57 pp.

MacMillan, W. 1925. The wolverine, sometimes called the glutton. Nature Magazine. 5:14, 41, 64.

----------. 1949. The wolverine is going. Forest and Outdoors. 45(9):13, 26.

MacPherson, A.H. 1965. The origin of diversity in mammals of the Canadian Arctic tundra. Systematic Zoology. 14(3):153-173.

----------. 1968. Land mammals in science, history, and Hudson Bay. Department of Energy, Mines and Natural Resources. Ottawa. Vol.I: 466-501.

Makridin, V.P. 1962. The northern limit of elk distribution. Zoologicheskii Zhurnal. 7:1090-1094. (in Russian)

----------. 1964. Distribution and biology of the wolverine in the far North. Zoologicheskii Zhurnal. 43:1688-1692. (in Russian, English summary)

Malez, M. 1972. On the distribution of ice age animals in the late Pleistocene of southeastern Europe. Rad. Jugosl. Akad. Znan. Umjet. p. 364.

Mallinson, J. 1978. The shadow of extinction. MacMillan London

Ltd., London and Basingstoke. p. 113-117. 224 pp.

Manning, T.H. 1943. Notes on the mammals of south and central west Baffin Island. Journal of Mammalogy. 24:47-59.

---------- and A.H. MacPherson. 1958. The mammals of Banks Island. Arctic Institute of North America. Technical Paper 2. p. 62.

Manville, R.H. 1950. The wolverine in Michigan. Jack Pine Warbler. 28:127-129.

---------- and S.P. Young. 1965. Distributions of Alaskan mammals. United States Department of the Interior. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife. Circular 211. 74 pp.

Martin, P.W. 1950. Report on wildlife survey of Wells Gray Park - 1950. British Columbia Forest Service, Victoria. (unpublished report). 67 pp.

Martin, R. 1967. Le glouton de Villereversure. Docums. Lab. Geol. Fac. Sci., Lyon. 20:71-100.

Matson, G.M. 1980. Progress report No. 3-5 December 1980. Matson's Tooth Cementum Age Analysis, Milltown, Montana. 3 pp.

----------. 1981. Workbook for cementum analysis. Matson's Tooth Cementum Age Analysis, Milltown, Montana. 30 pp.

McBride, D. 1961. A deadfall catches a nimble sneak. Winnipeg Free Press. April 15.

McCammon, M.J. 1977. The distribution and management of moose in the Elaho valley. B.Sc. Thesis, Faculty of Forestry, University of British Columbia, Vancouver. 101 pp.

McCowan, D. 1950. Animals of the Canadian Rockies. Macmillan, Toronto.

McCulloch, K.D. 1976. Fur productivity of some north central

British Columbia traplines. B.Sc. Thesis, Faculty of Forestry, University of British Columbia, Vancouver. 195 pp.

McFarland, L.Z., V. Heushele and P. Werner. 1961. Tyymic lymphosarcoma in a wolverine. Journal of the American Veterinary and Medical Association. 139(5):563.

McIntosh, A. 1938. Description of the adult stage of Taenia twichelli, Schwartz, 1924, from an Alaskan wolverine. Procedures of the Helminthological Society of Washington. 5(1):14-15.

McKegney, D. 1976. The mammals of Vaseaux Lake. Canadian Wildlife Service, Delta, British Columbia. (unpublished report). 33 pp.

Mech, L.D. 1970. The wolf: the ecology and behaviour of an endangered species. The National History Press, New York. 384 pp.

Mehrer, C.F. 1976. Gestation period in the wolverine, Gulo gulo. Journal of Mammalogy. 57(3):570.

Mellen, I.M. 1946. The wolverine or glutton. San Diego Zoo Nooz. 19:3.

Merili, J. 1968. Should the lynx, wolf and glutton be afforded protection? Ee Sti Loodus. 11(6):350-351. (in Estonian)

Millard, R. 1956. Le carcajou. Coronet. 39:145-148.

Miller, F.L. 1972. Wolverine in Gatineau Park, Quebec. Canadian Field Naturalist. 86:390.

Miller, G.S. 1924. List of North American recent mammals, 1923. United States National Museum Bulletin. 128:1-673.

---------- and R. Kellogg. 1955. List of North American recent mammals. United States National Museum Bulletin. 205:1-954.

Mohn, S.F. and J. Tiege. 1968. Cesium-137 concentrations in Norwegian lynx and wolverine. N.Y.T.T. Magagine of Zoology. 16:50-52.

Mohr, E. 1938-1939. Vom Jarv (Gulo gulo L.) Zoological Garten, Leipzig. 10:14-21.

Monk, C. 1973. guest editorial. Ontario Ministry of Natural Resources. Feb. 5:4-6.

Montgomery, R.G. 1966. Carcajou (14th ed.). Caxton Printers Limited, Caldwell, Idaho. 263 pp.

Moors, P.J. 1980. Sexual dimorphism in the body size of mustelids: The roles of food habits and breeding systems. Oikos. 34(2):147-158.

Morris, R.F. 1948. The land mammals of New Brunswick. Journal of Mammalogy. 29:165-176.

Munro, J.A. 1945. Preliminary report on the birds and mammals of Glacier National Park, British Columbia. Canadian Field Naturalist. 59:186.

---------- and I.McT. Cowan. 1944. Preliminary report on the birds and mammals of Kootenay National Park, British Columbia. Canadian Field Naturalist. 58(2):34-51 (p.47).

Murie, A. 1951-1952. Wolverine trails at Denali. Living Wilderness. 15:13-20.

----------. 1961. A naturalist in Alaska. Devon-Adair, New York. 302 pp.

Murphy, R. 1949. Tales of the Indian devil. Saturday Evening Post. 221:23, 97-98, 100.

Murray, B. and D. Murray. 1969. Notes on mammals in alpine areas of the northern St. Elias Mountains, Yukon and Alaska. Canadian Field Naturalist. 83:333.

Myhre, R.. Jurvens. 1967. Fauna (Oslo). Hefte. 20(2):51-63. (in Norwegian, English summary)

----------. 1968. Jurven i Norge. Alderonalyse, reproduksjon og ernaering, (Gulo gulo L.) Ph.D. Thesis. University of Oslo. 50 pp.

---------- and S. Myrberget. 1975. Diet of wolverines, Gulo gulo, in Norway. Journal of Mammalogy. 56(4):752-757.

Myrberget, S. 1967. The four large predatory animals in Norway. Naturen. 91:228-240. (in Norwegian)

----------. 1968. Jervens ynglehi. Fauna (Oslo). 21:108-115.

----------. 1968. The breeding den of the wolverine, Gulo gulo. Fauna (Oslo). 21(2):108-115. (in Norwegian, English summary)

----------. 1970. The Norwegian populations of wolverine, Gulo gulo(L.) and lynx, Lynx lynx (L.). Papers of the Norwegian State Game Research Institute. No. 33. p. 1-33. (English summary)

----------. 1979. Time of birth and litter size in wolverines. Fauna (Oslo). 32(1):9-13. (in Norwegian, English summary)

----------, B. Groven, and R. Myhre. 1969. Jervesporinger i jotunheimen (Tracking wolverines in the Jotunheim Mountains, South Norway). Fauna (Oslo). 22(4):237-252. (in Norwegian, English summary)

---------- and R. Sorumgard. 1979. Time of birth and litter size in wolverines. Fauna (Oslo). 32(1):9-13.

Naumor, N.P. 1930. Economically important mammals of the Turukhan region (Siberia). Sovetskii Sever. 3:36-55.

Nelson, J.G. and M.J. Chambers. 1969. Processes and methods in Canadian geography. Methuen, Toronto. p. 199 (399 pp.).

Nelson, R.K. 1973. Hunters of the northern forest: Designs for survival among the Alaskan Kutchin. University of Chicago Press, Chicago. 336 pp.

Newby, F.E. 1953. Montana's wilderness wanderers. Montana Wildlife. 3:14-15.

---------- and P.L. Wright. 1955. Distribution and status of the wolverine in Montana. Journal of Mammalogy. 36:248-253.

---------- and J.J. McDougal. 1964. Range extensions of the wolverine in Montana. Journal of Mammalogy. 45:485-487.

Newell, D.S. 1978. A wolf, wolverine, fox and bear scat study from northern British Columbia. British Columbia Fish and Wildlife branch, Victoria. (unpublished report). 53 pp.

Nilsson, O.W. 1960. The wolverine, skittish hunter in the snow. Naturen. 84(8): 488-493. (in Swedish)

Novakowski, N.S. 1970. Endangered Canadian mammals. Canadian Field Naturalist. 84:17-23.

Novikov, G.A. 1956. Carnivorous mammals of the fauna of the USSR. Translated from the Russian by the Israel Program for Scientific Translations. 1962. OTS.61-11403 Jerusalem No. 62.:116-126, 196-202.

Nowak, R.M. 1973. Return of the wolverine. National Parks Conservation Magazine. 47:20-23.

Odum, A. 1975. The wolverine: miscreant of the North. Reader's Digest. 106:58-62.

Ognev, S.I. 1935. Mammals of the U.S.S.R and adjacent countries. Carnivora, Fissipedia and Pinnipedia. Moscow: Acad. Sci. U.S.S.R. 3:72-90. (in Russian). (Translated by A. Birron and Z.S. Coles for the Israel Program of Scientific Translations, 1962).

O'Reilly, G. 1969. Polar Bear Provincial Park investigational survey.

Osgood, W.H. 1900. Results of a biological reconnaissance of the Yukon River region. North American Fauna. 19:44.

----------. 1901. National history of the Queen Charlotte Islands, British Columbia and natural history of the Cooke Inlet region, Alaska. North American Fauna. 21:70.

----------. 1904. A biological reconnaissance of the base of the Alaska Peninsula. North American Fauna. 24:46-47.

----------. 1909. A biological investigation in Alaska and the Yukon Territory. North American Fauna. 30: 46-47.

Osmond-Jones, E.J., M. Sather, W.G Hazelwood and B. Ford. 1977. Wildlife and fisheries inventory of Spatsizi Wilderness and Tatlatui Provincial Parks. British Columbia Provincial Parks Branch, Victoria. pp. 56-57, 178 (292 pp.).

Paaver, K. 1965. Formation of their fauna and variability of mammals of the Baltic region during the Holocene. Inst. Zool. Bot. Akad. Nauk. Estonskoi. Tartu, S.S.S.R. 493 pp. (in Russian, German summary)

Park, E.C. 1960. The "bad" wolverine of the north. Audubon Magazine. 62:18-19, 39-40.

Parkin, T. and G. Gunville. 1974. Mount Assiniboine Park fish and wildlife lakeside inventory. British Columbia Parks Branch, Victoria. (unpublished report). 35 pp.

Parovshchikov, V.J. 1960. On the biology of the wolverine and the otter. Zoologicheskii Zhurnal. 39:7. (in Russian, English summary)

Patterson, J.R. and E.L. Bowhay, 1968. Four recent records of wolverines in Washington. Murrelet. 49:12-13.

Payne, N.F. 1969. Newfoundland and Labrador fur guide. Department of Mines, Agriculture and Resources. Wildlife Service. Saint Johns. 17-18.

Pederson, A. 1954. Der vielfrass - das gefurchtetste Raubtier von

Europa. Kosmos, Stuttgart. 50:499-502.

Pengelley, L.W. 1951. Recent records of wolverines in Idaho. Journal of Mammalogy. 32:224-225.

Penner, D.F. 1976. Preliminary baseline investigations of furbearing and ungulate mammals using Lease No. 17. Renewable Resources Consulting Services Ltd. Environmental Research Monograph 1976-3, Syncrude Canada Ltd. 181 pp.

Peterson, R.L. 1957. Changes in the mammalian fauna of Ontario. In: Changes in the Fauna of Ontario. F.A. Urquhart (Ed.). University of Toronto Press, Toronto. pp. 43-58.

----------. 1966. The mammals of Eastern Canada. Oxford University Press, Toronto. 465 pp.

Pettersson, J.O. 1967. New regulations for hunting wolf, bear, lynx, wolverine, cattle, and birds. Zool. Revy. 29(4):103-104.

Philip, C.B. 1938. A parasitological reconnaisance in Alaska with particular reference to varying hares. Journal of Parasitology. 24(6):438-488.

Pike, W. 1892. The barren ground of northern Canada (1967 reprint). Arno Press, New York.

Polvzadov, N.B. 1956. Stationary feeding trapping devices for sables. Ratsionaleyotseia Okhotnich'ego Promysla. 5:45-51. (in Russian)

Pomob, B.H. 1928. Boiipocy (The paleolithic of Siberia). Compt. Rend. Acad. Sci. U.R.S.S. 10:171-176.

Poole, A.J. and V.S. Schantz. 1942. Catalogue of the type specimens of mammals in the United States National Museum including the biological surveys collection. United States National Museum Bulletin. 178:1-705.

Porsild, A.E. 1945. Mammals of the MacKenzie Delta. Canadian Field Naturalist. 59:11.

Preble, E.A. 1902. A biological investigation of the Hudson's Bay region. North American Fauna. 22:69.

----------. 1908. A biological investigation of the Athabaska-Mackenzie region. North American Fauna. 27:239-241.

Prell, H. 1932. On gestation in the glutton, Gulo Linne. Zoologischer Angeiger. 97:113-123. (in German)

----------. 1932. Uber die herkunft des deutschen namens "vielfrass" fur die angehorigen der mardergattung (Gulo Storr). (About the origin of the German name "vielfrass" for the members of the marten genus). Zoologicheskii Garten. 5(1-3):48-54.

Prince, L.A. personal communication. Re: Fort Severn mammals. in Royal Ontario Museum files.

Prince, L.A. 1937-1938. The mammals of the Favourable Lake region. From: Brodie Club paper. in Royal Ontario Museum files.

Provincial Museums Archives of Alberta, Natural History Division. 1971. Biology of the wolverine (citations). No. 39. 1971:1-2.

Pruitt, W.O. Jr. 1965. The ecology of snow. Canadian Society of Wildlife and Fisheries Biologists Occasional Paper. No. 1. 80 pp.

----------. 1967. Animals of the North. Harper and Row Publishers, New York. 173 pp.

----------. 1970. Tundra animals: what is their future? Royal society of Canada Tundra Environment Symposium, Section III. p. 20.

Pryde, D. 1971. Nunaga: My land, my country. Hurtig, Edmonton. 285 pp.

Pulliainen, E. 1963. Occurence and habits of the wolverine (Gulo gulo) in Finland. Suomen Riista, Helsinki. 16:109-119. (in

Finnish, English summary)

----------. 1965. Studies on the wolf (Canis lupus L.) in Finland. Annales Zoologici Fennici. 2(4):215-259.

----------. 1966. Jarven i Finland. Finlands Natur. 25:17-20.

----------. 1968. Breeding biology of the wolverine (Gulo gulo L.) in Finland. Annales Zoologici Fennici. 5(4):338-344.

----------. 1974. Suomen suur-pedot. Kustannusosakeyhtio, Tammi, Helsinki. pp.161-195.

---------- and O.S. Alfthan. 1967. Two cases of perodactylus in the same litter of wolverine (Gulo gulo L.). Annales Zoologici Fennici. 4(4):592-594.

---------- and P. Ovaskainen. 1975. Territory marking by a wolverine (Gulo gulo) in northeastern Lapland. Annales Zoologici Fennici. 12(4):268-270.

Quay, W.B. 1951. Observations on mammals of the Seward Peninsula, Alaska. Journal of Mammalogy. 32:88-99.

Quick, H.F. 1952. Some characteristics of wolverine fur. Journal of Mammalogy. 33:492-493.

----------. 1953. Wolverine, fisher and marten studies in a wilderness region. Transactions of the 18th North American Wildlife Conference. 513-532.

----------. 1953. Occurence of porcupine quills in carnivorous animals. Journal of Mammalogy. 34:256-259.

Rakhmanin, G.E. 1959. The fur industry of the Yamal-Nenets national district and means of streamlining it. Akademiea Nauk S.S.S.R. Ural'skii filial Salekhardskii Statsionar. Trudy. (in Russian)

Ramsey, B. 1975. The economic and socio-cultural situation of native trappers in northern Manitoba. M.N.R.M. Practicum.

University of Manitoba, Winnipeg.

Rand, A.L. 1944. Mammal investigation of the Canol Road, Yukon and Northwest Territories. National Museum of Canada. Bulletin No. 99. Biological Series 28. p. 32.

----------. 1944. The southern half of the Alaska highway and its mammals. National Museum of Canada Bulletin, Ottawa. No. 98. 50 pp.

----------. 1945. Mammals of the Ottawa district. Canadian Field Naturalist. 59:119.

----------. 1945. Mammals of the Yukon. National Museum of Canada. Bulletin No. 100. Biological Series 29. pp. 29-31. 93 pp.

----------. 1945. The southern half of the Alaska highway and its mammals. National Museum of Canada. Bulletin No. 98. Biological Series 27. p.38.

----------. 1948. Mammals of the eastern Rockies and western Plains of Canada. National Museum of Canada. Bulletin No. 108. Biological Series 35. pp.94-96.

----------. 1948. Mr. W.H. Bryanton's notes on Manitoba mammals of the Herb Lake Flin Flon area. Canadian Field Naturalist. 62:144.

Rathert, R. 1972. Meanest animal in the world. Science Digest. 72:64-68.

Rausch, R.A. 1950. Notes on the distribution of some Arctic animals. Journal of Mammalogy. 31:464-466.

----------. 1953. On the status of some Arctic mammals. Arctic. 6(2):91-148.

----------. 1959. Studies on the helminth fauna of Alaska XXXVI. Parasites of the wolverine, Gulo gulo L. with observations on the biology of Taenia twitchelli, Schwartz, 1924. Journal of Parasitology. 45:465-484.

----------. 1961. The wolverine. Alaska Sportsman. Jan.

----------. 1969. Wolverine studies. Alaska Department of Fish and Game, Juneau, Alaska. Annual Project Segment Report (10). Federal Aid in Wildlife Restoration. Project W-17-1. Work Plan O. Job 2.

---------- and A.M. Pearson. 1972. Notes on the wolverine in Alaska and the Yukon Territory. Journal of Wildlife Management. 36:249-268.

Rearden, J. 1954. Too mean to kill. Outdoor Life. 114:104-108.

Reed, E.E. 1956. Notes on some birds and mammals of the Colville River, Alaska. Canadian Field Naturalist. 70:134.

Richards, D.E.P. 1944. Sultana and enrourage - southern selkirks. Canadian Alpine Journal. 29(1):1-10.

Richards, J.H. and K.I. Fung (Eds.). 1969. Atlas of Saskatchewan. University of Saskatchewan, Saskatoon. p. 81.

Richardson, J. 1829. Fauna boreali-Americana. Vol. I. John Murray, London. pp.41-44.

----------.1851. Arctic searching expedition: A journal of a boat voyage through Rupert's Land and the Arctic Sea. Longman, Brown, Green and Longmans, London.

Riewe, R.R. 1975. A lesson on winter survival from the Inuit. Manitoba Nature. 16:24-33.

Rikkonen, M. 1977. Attempts of the glutton to catch wild woodland reindeer in East Finland. Luonnon Tutk. 81(3):91. (in Finnish)

Ritcey, R.W. 1952. Hunting season report, Wells Gray Park, 1952. British Columbia Forest Service, Victoria. (unpublished report). 34 pp.

----------. 1952. Report on wildlife survey and research in Wells

Gray Park, 1951. British Columbia Forest Service, Victoria. (unpublished report). 49 pp.

----------. 1954. Winter wildlife report, Wells Gray Park, 1952-1953. British Columbia Forest Service, Victoria. (unpublished report). 56 pp.

----------. 1955. Winter wildlife report, Wells Gray Park, 1953-1954. British Columbia Forest Service, Victoria. (unpublished report). 35 pp.

----------. 1958. Predators in Wells Gray Park, 1950-1956. British Columbia Parks Branch, Victoria. (unpublished report). 22 pp.

---------- and R.Y. Edwards, 1958. Parasites and diseases of the Wells Grey moose herd. Journal of Mammalogy. 39:139-145.

Ritter, C. 1942. The common wolverine, Gulo luscus. Wyoming Wildlife. 7:5-6, 15.

Rousseau, J. 1966. Les animaux du Canada en 1664, la faune indigene. Service de la Faune du Quebec.

Ross, J. 1835. Appendix to the narrative of a second voyage in search of the northwest passage and of a residence in the Arctic regions during the years 1829, 1830, 1831, 1832, 1833. A.W. Webster, London.

Runyan, B. 1971. Bowron Lake Park natural history report. British Columbia Parks Branch, Victoria. (unpublished report). 51 pp.

Russell, A. 1966. The much maligned wolverine. Field and Stream. 71:74, 123-124, 139, 141-144.

----------. 1970. Wolverine: how tough? Outdoor Life. 145:106.

----------. 1972. The wolverine. B.C. Outdoors. 28:24-29.

Rust, H.J. 1946. Mammals of northern Idaho. Journal of Mammalogy.

27:308-327.

Ruth, F.S. 1954. Wolverine seen in Squaw Valley, California. Journal of Mammalogy. 35:594-595.

Sanderson, I.T. 1955. Living mammals of the world. Hamish Hamilton, London. p. 205.

Santy, D. 1963. Bear and wolverine near Beechy, Saskatchewan. Blue Jay. 21(30):119.

Scapino, R.P. and J. Meyer. 1977. A particular structure in the oral mucosa of carnivores. Journal of Dental Review. 56(6):705.

Scheffer, V.B. 1938. Notes on wolverine and fisher in the state of Washington. Murrelet. 19:8-10.

----------. 1941. Wolverine captured in Okanagan County, Washington. Murrelet. 22:37.

Schempf, P. and M. White. 1977. Status of six furbearer populations in the mountains of northern California. United States Forest Service. San Francisco, California. 51 pp.

Schmook, A. 1965. In Lappish game areas. Hoffman. Rulda, KP. 151 pp. (in German)

Schorger, A.W. 1939. Wolverine in Michigan. Journal of Mammalogy. 20:503.

----------. 1946. Records of wolverine for Wisconsin and Minnesota. Journal of Mammalogy. 27:80.

----------. 1948. Further records of wolverine for Wisconsin and Michigan. Journal of Mammalogy. 29:295.

Schufeldt, R.W. 1922. Badgers and wolverenes. American Forestry. 28:108-112.

----------. 1924. The skull of the wolverene. Journal of Mammalogy. 5:189-193.

Scott, W.B. 1929. A history of land mammals in the western hemisphere. Macmillan Company, New York. 693 pp.

Scotter, G.W. 1964. Occurence of a wolverine in southwestern Alberta. Journal of Mammalogy. 45:629.

Seton, E.T. 1909. Life histories of northern animals. Constable and Company, Ltd., London. 945-965.

----------. 1911. Animal heroes. Constable and Company, Ltd., London. 323-362.

----------. 1926. Lives of game animals. Vol, 2. Pt. 2 (1953 reprint). Charles T. Bunford Company, Boston. 403-449.

----------. 1931. Two records for New Mexico. Journal of Mammalogy. 12:166.

Seward, R.S. 1973. The habitual thief: wolverine lore. Golden, British Columbia. 16 pp.

Seymour, G. 1971. Wolverine recent sightings indicate wolverines may be increasing. Outdoor California. Nov./Dec.:8-9.

Sheldon, W.G. 1932. Mammals collected or observed in the vicinty of Laurier Pass, British Columbia. Journal of Mammalogy. 13:196-203. p. 202.

Shelford, V.E. and S. Olson. 1935. Sere, climax and influent animals with special reference to the transcontinental coniferous forest of North America. Ecology. 16(3):375-402.

Silver, R.S. 1976. Ecological features of moose (Alces alces andersoni) winter habitat in the boreal white and black spruce zone of northeastern British Columbia. Department of Plant Science, University of British Columbia, Vancouver. M.Sc. Thesis. 278 pp.

Skinner, A. 1916. Plains Cree tales. Journal of American Folklore. 29:341-367.

----------. 1919. Plains Objibway tales. Journal of American Folklore. 32:280-305.

Skinner, M.P. 1927. The predatory and furbearing animals of the Yellowstone National Park. Roosevelt Wildlife Bulletin. 4(2): 194-195.

Small, H.B. and W.P. Lett. 1844. Ottawa Field Naturalists Club. Trans. No. 6. Vol. 2. pp. 280-283.

Smit, C.J. and A. van Wijngaarden. 1976. Threatened mammals in Europe. European Committee for the Conservation of Nature and Natural Resources. Nature and Environment Series No. 10. Council of Europe, Strasbourg. 189 pp.

Smith, H.C. Some recent records of Alberta mammals. Blue Jay. 30(1):53-54.

Smith, J.G. 1956. Will the devil beast return? Wyoming Wildlife. 20:20-25.

Smits, L.J. 1956. The illusive Michigan wolverine. Journal of the Detroit Zoo. 11:4.

Smitth, R.W. 1940. The land mammals of Nova Scotia. American Midland Naturalist. 24:213-241.

Snyder, L.L. 1929. The mammals of the Lake Abitibi region. Royal Ontario Museum Contributions, Zoology. 2:7-15.

----------. 1938. A faunal investigation of western Rainy River District, Ontario. Transactions of the Royal Canadian Institute. 22(1):157-213. Contributions, Royal Ontario Museum, Zoology:14.

Soper, J.D. 1928. A faunal investigation of southern Baffin Island. National Museums of Canada. Bulletin No. 53. Biological Series No. 15. 143 pp.

----------. 1942. Mammals of Wood Buffalo Park, northern Alberta and District of Mackenzie. Journal of Mammalogy. 23:129.

----------. 1944. Mammals of southern Baffin Island, Northwest Territorities, Canada. Journal of Mammalogy. 25:233.

----------. 1947. Observations on mammals and birds in the Rocky Mountains of Alberta. Canadian Field Naturalist. 61:148.

----------. 1948. Mammal notes from the Grande Prairie Peace River region, Alberta. Journal of Mammalogy. 29:56.

----------. 1961. The mammals of Alberta. Hannly Press Ltd, Edmonton. 316-317.

----------. 1961. The mammals of Manitoba. Canadian Field Naturalist. 75:207.

----------. 1970. The mammals of Jasper National Park, Alberta. Canadian Wildlife Service Report, Series 10. pp. 59-60.

----------. 1973. The mammals of Waterton Lakes National Park, Alberta. Canadian Wildlife Service Report, Series 23. p. 41 (55 pp.).

Sotnikova, M.V. 1978. New data on the predatory mammals of the upper Pliocene and lower Pleistocene in the north eastern U.S.S.R. terrritory. Byulleten 'Kom. Izuch. chetvert. Perioda. 48:22-30. (in Russian)

Spahn, J.J. 1954. Wolverine. Colorado, Conservation. 3:1-3.

Spencer, M. 1889. Notes on the breeding habits of certain mammals. From personal observations and inquiries from Indians. Geological and natural history survey of Canada. Annual Report. 3(2):76J-79J.

Sprunt, A. 1944. Ishmaelite: the wolverine - one of our least known mammals. Audubon Magazine. 46:331-335.

Squires, W.A. 1946. Changes in mammal populations in New Brunswick.

Acad. Nat. 2:26-44.

Stains, H.J. 1976. Calcanea of memebers of the Mustelidae. Pt. 1. Bulletin of South California . Academic Sciences. 75(3):237-248.

----------. 1979. Primeness in North American furbearers. Wildlife Society Bulletin. 7(2):120-124.

Stanwell-Fletcher, J.F. and C.T. Stanwell-Fletcher. 1943. Some accounts of the flora and fauna of the Driftwood Valley region of north central British Columbia. British Columbia Provincial Museum. Occasional Papers. No.4. 97 pp.

Stearns, W.A. 1883. Notes on the natural history of Labrador. United States National Museum Proceedings. 6:111-116.

Stebler, A.M. 1936. Wildlifer fans, an old, old controversy... did wolverine ever occur in Michigan? Michigan Conservationist. 5(11):4.

Steinbacher, G. 1938. Glutton, a little known northern wild carnivore. Aus der Natur. (der Naturforscher), Berlin. 6:190-191.

Stevens, J. 1971. Sacred legends of the Sandy Lake Cree. McClelland and Stewart Ltd., Toronto. 144 pp.

Stevens, L.A. 1954. Satan of the North. Collier's National Weekly. 133:92-95.

Stirling, D. 1961. A report on the flora and fauna of Shuswap Park, July, 1961. British Columbia Parks Branch, Victoria. (unpublished report). 25 pp.

Stone, A.J. 1900. Some results of a natural history journey to northern British Columbia, Alaska and the Northwest Territories, in the interest of the American Museum of Natural History. American Museum of Natural History. 13:31-62.

Stroganov, S.U. 1962. Carnivorous mammals of Siberia. Izdatel'stuo

Akademii Nauk S.S.S.R. Moskua:244-261.

Strong, W.D. 1930. Notes on the mammals of Labrador. Journal of Mammalogy. 11:1-10.

Sutton, G.M. and W.J. Hamilton. 1932. The mammals of Southampton Island. Memoirs of the Carnegie Museum (Pittsburgh). 12, pt.2, Sec.1:23-24 (111 pp.).

Svihla, R.D. 1931. Mammals of the Uinta Mountain region. Journal of Mammalogy. 12:256-266.

Swanson, G., S. Thaddeus, and T.S. Roberts. 1945. The mammals of Minnesota. Minnesota Department of Conservation. Game and Fish Technical Bulletin. 2:1-108.

Swarth, H.S. 1912. Report on a collection of birds and mammals from Vancouver Island. University of California Publications in Zoology. 10:1-124.

----------. 1936. Mammals of the Atlin region, northwestern British Columbia. Journal of Mammalogy. 17(4):398-405. p.401.

Syroechkovskiy, E.E. 1965. The fauna of the Yenisey taiga subjected to hunting and its exploitation. In: Akademiia Nauk S.S.S.R., Sibirskoe Otd-ie. Inst-lesa i drevesiny. Fauna kedrouykh lesor Siberi i ee ispal youanie, Moskua:121-142. (in Russian)

Teit, J.A. 1917. Kaska tales. Journal of American Folklore. 30:427-473.

Teit, J.A. 1919. Tahltan tales. Journal of American Folklore. 32:198-250.

Tener, J.S. 1954. A preliminary study of the musk-oxen of Fosheim Peninsula, Ellesmere Island, Northwest Territories. Canadian Wildlife Service. Wildlife Management Bulletin. Series 1. No. 9. 34 pp.

----------. 1963. Queen Elizabeth Islands game survey. 1961.

Canadian Wildlife Service. Occasional Papers. No.4. p. 15.

---------- and A.W. Banfield. 1958. A preliminary study of the Ungava caribou. Journal of Mammalogy. 39:560-573.

Teplov, V.P. 1955. On the winter ecology of wolverines in the Pechora-Ilych reserve. Byull. Soc. Nat. Moscow Biol. 60:3-11. (in Russian)

----------. 1960. Population dynamics and annual changes in the ecology of commercial animals of the Pechora taiga. Pechora-Ilychskii Gosudarstvennye Zoysovednik. Trudy. 8:5-221. (in Russian)

Thomas, E.M. 1952. The fur-bearing mammals of Wyoming: Their life histories and importance - the common wolverine Gulo luscus. Wyoming Wildlife. 16:24-27.

Tobien, H. 1957. Cuon Hodg. und Gulo Frisch (Carnivora, Mammalia) aus den altpleistozanen Sanden von Mosbach bei Wiesbaden. Acta. Zool. Cracov. 2:433-450.

Toner, G.C. 1946. Notes on the mammals of the lower Chilcotin River region, Caribou District, British Columbia. Canadian Field Naturalist. 60:87.

Tremblay, L.P. 1967. Contwoyoto Lake area (north half), District of Mackenzie. Canadian Geographic Survery. Paper 66:28.

Tupper, W.A. 1962. Mount Clemenseau, 1961. Canadian Alpine Journal. 45:111-114.

Tyrell, J.B. 1888. Catalogue of the Mammalia of Canada exclusive of the Cetacea. Proceedings of the Canadian Institute. New Series. 6:66-91.

Ulke, T. 1923. Occurence and distribution of mammals in Yoho Park, British Columbia. Canadian Field Naturalist. 37:64.

----------. 1936. Check-list of the mammals and summer birds of Yoho Park. Canadian Alpine Journal. 23:76-81.

United States Fish and Wildlife Service. 1974. Wolverine status: 1974. ISFWS Office of Endangered Species, Special Report.

Usher, P.J. 1970. The Bankslanders: economy and ecology of a frontier trapping community. Vol. 2. Canada Department of Northern Affairs and Northern Development. Northern Science Research Group. 169 pp.

van der Brink, F.H. 1973. A field guide to the mammals of Britain and Europe (3rd ed.). Collins, London. p. 138.

van Wijngaarden, A. 1975. The Dutch carnivores. Wet. Meded. K. Ned. Natuurhist Ver. 106:1-28.

van Zyll de Jong, C.G. 1970. Past and present status of furbearers in Manitoba and an assessment of the needs for furbearer management and research. Manitoba Department of Mines and Natural Resources, Wildlife Branch Biological Report. pp.6-8.

----------. 1972. The status of the wolverine in Manitoba. Manitoba Department of Mines, Resources and Environmental Management. Research Branch, Environmental Management Division. 17 pp.

----------. 1975. The distribution and abundance of the wolverine (Gulo gulo) in Canada. Canadian Field Naturalist. 89(4):431-437.

---------- and R. Nero. 1971. Extinct, rare and endangered wildlife of Manitoba. Manitoba Department of Mines, Resources and Environmental Management, Research and Planning Divison. p. 19.

Velizhanin, A.G. 1974. Separate observations on the rare animals of the Altai. Byull. Moskua O-va. Ispyt. Prir. Otd. Biologia. 79(6):140-141. (in Russian)

Vereschhagin, N.K. 1967. The mammals of the Caucasus: A history of the evolution of the fauna. Academy of Sciences of the U.S.S.R., Zoological Institute. Jerusalem, Israel Program for Scientific Translations. 3:262. 816pp.

Vontobel, R. 1979. Reluctant villain: one of Canada's rarest mammals fights a poor public image. National Canada. 8(1):38-43.

Waldner, F. 1951. Finds of Gulo gulo in Austrian caves from glacial period are reported. Natur. U. Land. 37(6):110-111.

Walker. E.P. (Ed.) 1964. Mammals of the world. Vol. II. John Hopkins Press, Baltimore. p. 1204.

Webster, J.D. 1949. Notes from southeastern Alaska. Journal of Mammalogy. 30:81.

Weddle, F. 1968. The wolverine: the problems of a wilderness outcast. Defenders of Wildlife News. 43:156-168.

White, B.W. 1958. The wolverine - one of nature's most maligned. Audubon Magazine. 60:66-67, 84-85.

White, L.T. 1946. Arch criminal of the wild. Reader's Digest. 49:111-114.

White, T. 1971. The Wildcat Hill wilderness area. Wolverine in New Saskatchewan. Blue Jay. 29:54-57.

Wilber, C.G. 1946. Mammals of Knik River Valley, Alaska. Journal of Mammalogy. 27:213-216.

Williams, J.F. and A.W. Dade. 1976. Dirofilaria immitis infection in a wolverine. Journal of Parasitology. 62(1):174-175.

Winkley, B. and J. Fallon. 1974. Wolverine: fact or fiction? Outdoor Life. 154:68-69.

Wislocki, G.B. and E.C. Amoroso. 1956. Placenta of the wolverine (Gulo gulo luscus L.). Museum of Comparative Zoology, Harvard. Bulletin 114:91-100.

Withers, P.C., T.M. Casey, and K.K. Casey. 1979. Allometry of respiratory and hematological parameters of Arctic mammals. Comp. Biochem. Phys. Comp. Phys. 64(3):343-350.

Wood, N.A. 1921. A wolverine in a tree. Journal of Mammalogy. 2:234.

Woods, G.T. 1944. Longevity of captive wolverines. American Midland Naturalist. 31:505.

----------. 1946. The wolverine. Nature Magazine. 39:426-428, 444.

----------. 1947. Rare and little known wolverine is on the road to extinction. Star Weekly. Jan. 4.

Wright, P.L. 1963. Delayed implantation. In: Variations in reproductive cycles in North American mustelids. M.A.C. Enders (Ed.). University of Chicago Press, Chicago. pp.77-97. 318 pp.

---------- and R.A. Rausch. 1955. Reproduction in the wolverine, Gulo gulo. Journal of Mammalogy. 36:346-355.

Yeager, L.E. 1941. A contribution toward a bibliography on North American fur animals. State of Illinois Dept. of Registration and Education. Natural History Survey, Biology Notes No. 16. Urbana, Illinois.

Yocom, C.F. 1973. Wolverine records in the Pacific coastal states and new records for northern California. California Fish and Game. 59(2):207-209.

----------. 1974. Recent wolverine records in Washington and Oregon. Murrelet. 55(2):15-18.

Youngman, P.M. 1975. Mammals of the Yukon Territory. National Museums of Canada, Ottawa. 192 pp.

Zabrodina, E.F. 1975. Results of the study of cultures of Brucella isolated from wild animals of Taimyr, U.S.S.R. Tr. Nauchno-issled Inst. Ser'sk. Khoz. Krainego. Ser. 21:62-67.

Zapfe, H. 1966. Die Teufels-oder Fuch-selucken bei Eggenberg. Die ubrigen Carnivoren (auser Hohlenhyane und Hohlenbar). (The devils or fuch-selucken (wolverine) by Eggenberg. The other carnivores (except cave-hyena and cave-bear)). Denkschrift

Ost. Akad. der Wiss. 112:23-38.